

Doc & M. Clark
EFJR

Lyndon Vernon
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Missouri Water Pollution
Board
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January 22, 1971

MEMORANDUM

TO: Jim Rundell
c. c. Godfrey Moll
Ron Riggs
James Rattray✓

FROM: Rick Bagby

SUBJECT: Waste Treatment Facilities

Mr. James P. Odendahl, a representative of the Missouri Water Pollution Board, visited the Verona Plant today. It was just a get acquainted meeting. They have had no complaints since the toluene spill from NEPACCO last fall.

We talked at length about our waste problems, principally with the hexachlorephene waste. He was under the opinion that as small a volume of waste that we have that a small package waste disposal system would serve our needs. These systems, he said, would handle 100,000 gallons of chemical waste per day at an installation cost of about \$100,000. He gave me the names of three manufacturers of such a unit. They are:

Aer-O-Flow	distributed by the Russell J. Smith Corporation*
Smith & Loveless	Lenex, Kansas
Walter Processes	No address given

*Russell J. Smith Corp., St. Louis, Missouri

He thought that if the NEPACCO waste was separated, neutralized, and then feed slowly into an active sludge system the sludge could handle it. He told me that the Black & Veatch Company had developed such a system for Woodbury Chemical Co., St. Joseph, Mo.. They made a defoliant for the government, probably Butyl 245T. He told me that this was an excellent water treatment facility.



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He asked me who our contact with Black & Veatch was and I gave him your name. He said that he would write you a letter as a follow up on our discussion and he also asked for some of the data that we have collected on CODs, ODI's, and etc.. He went out for a quick tour of our present waste treatment facility.

He noticed the algae growth in the stream within the plant, but did not think it would be anything very serious. He said that he would inspect the stream below the plant as he left the area.

After he left us, he went over and talked with Ed Michaels.

Rick Bagby

RE/jh